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=> file caplus
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FILE COVERS 1907 - 5 Aug 2008  VOL 149 ISS 6
FILE LAST UPDATED: 4 Aug 2008  (20080804/ED)

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L1              STR
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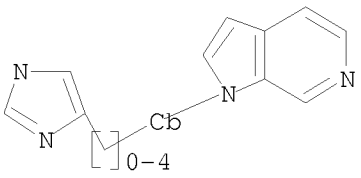


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L4   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:        2004:857557  CAPLUS
DOCUMENT NUMBER:         141:332193
TITLE:                   A preparation of imidazole derivatives, useful as
                         modulators of metabotropic glutamate receptor-5
                         (mGluR5)
INVENTOR(S):             Cosford, Nicholas D. P.; Huang, Dehua; Smith, Nicholas
                         D.; Hu, Essa Hsinyi
PATENT ASSIGNEE(S):      Merck & Co., Inc., USA
SOURCE:                  PCT Int. Appl., 51 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                English
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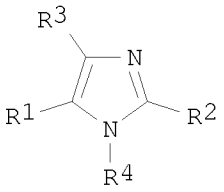
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004087653	A2	20041014	WO 2004-US9658	20040330
WO 2004087653	A3	20050324		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004225887	A1	20041014	AU 2004-225887	20040330
CA 2520863	A1	20041014	CA 2004-2520863	20040330
EP 1613615	A2	20060111	EP 2004-749518	20040330
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
CN 1768055	A	20060503	CN 2004-80008683	20040330
JP 2006522128	T	20060928	JP 2006-509461	20040330
IN 2005DN04192	A	20070831	IN 2005-DN4192	20050916
US 20060217420	A1	20060928	US 2005-552107	20051003
PRIORITY APPLN. INFO.:			US 2003-460029P P	20030403
			WO 2004-US9658 W	20040330

OTHER SOURCE(S): MARPAT 141:332193
GI



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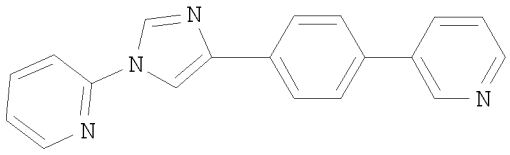


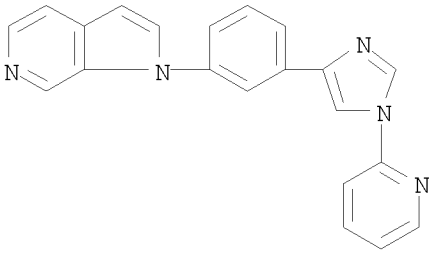
II

AB The invention relates to a preparation of imidazole derivs. of formula I [wherein: R1 and R2 are independently selected from halogen, alkyl, alkoxy, or N(alkyl)(alkyl), etc.; R3 is -alkyl-(hetero)aryl-cycloalkyl or -alkyl-C(O)-(hetero)aryl-cycloalkyl, etc.; R4 is -alkyl-(hetero)aryl-(hetero)cycloalkyl or -alkyl-[C(O)/S(O)]-(hetero)aryl-(hetero)cycloalkyl, etc.] as modulators of metabotropic glutamate receptor-5 (mGluR5), useful in the treatment of psychiatric and mood disorders such as, for example,

schizophrenia, anxiety, depression, bipolar disorders, and panic, as well as in the treatment of pain, Parkinson's disease, cognitive dysfunction, or epilepsy, etc. For instance, imidazole derivative II (mGluR5 inhibitory activity in calcium flux assay: IC50 < 10 μM) was prepared from 2-[4-(4-bromophenyl)-1H-imidazol-1-yl]pyridine and pyridine-3-boronic acid (example 1, no yield data).

IT 773893-63-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of imidazole derivs., useful as modulators of metabotropic glutamate receptor-5)

RN 773893-63-3 CAPLUS
CN 1H-Pyrrolo[2,3-c]pyridine, 1-[3-[1-(2-pyridinyl)-1H-imidazol-4-yl]phenyl]- (CA INDEX NAME)



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STRUCTURE FILE UPDATES: 4 AUG 2008 HIGHEST RN 1038507-75-3
DICTIONARY FILE UPDATES: 4 AUG 2008 HIGHEST RN 1038507-75-3

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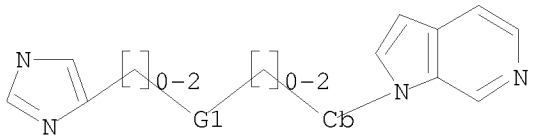
http://www.cas.org/support/stngen/stndoc/properties.html

=> d que
L1 STR



G1 C,S,N

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